

Converting Colors

Hex(CE8010)

Have a look what the booklet for
Hex(CE8010) contains.

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Color

Hex(CE8010)

Conversions

Conversions Part 1

Format	Color
Hex	CE8010
RGB	206, 128, 16
RGB Percent	81%, 50%, 6%
CMY	0.1922, 0.4980, 0.9373
CMYK	0.00, 0.38, 0.92, 0.19
HSL	35°, 86%, 44%
HSV	35°, 92%, 81%
XYZ	33.2663, 28.5976, 4.2568
YIQ	138.5540, 82.4400, -18.2960

Conversions

Conversions Part 2

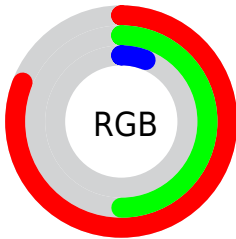
Format	Color
R_{YB}	148, 206, 16
Decimal	13533200
CIE Lab	60.42, 22.95, 63.89
CIE LCh	60, 67.884, 70.243
Yxy	28.5976, 0.5031, 0.4325
Android (android.graphics.Color)	4291723280 (0xFFCE8010)
YUV	138.5540, -60.4191, 59.1501
Hunter-Lab	53.4767, 17.4555, 32.7142

Details

The Hex color **CE8010** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **105ECE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FFB54C**, and **924E00** is the 20% darker color. If you saturate the color by 10%, you get **CE7900**, and if you desaturate by 10%, it is **CE8825**.

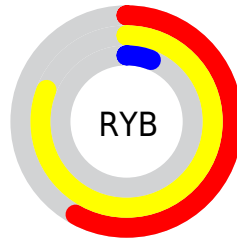
Distribution



Red (81%)

Green (50%)

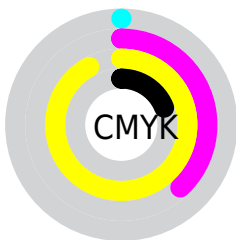
Blue (6%)



Red (58%)

Yellow (81%)

Blue (6%)

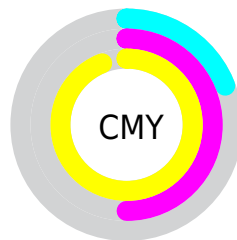


Cyan (0%)

Magenta (38%)

Yellow (92%)

Black (19%)



Cyan (19%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color CE8010 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color CE8010 by changing the saturation by 10% instead.

 CE8010

 CE8010

FFFFFF

 AF6700

 FF54C

 924E00

 FFD167

 743700

 FFED82

 572100

 FFFF9E

 3C0B00

 FFFFBA

 250001

 FFFFD6

 000000

 FFFFF3

 CE8010

 CE8010

■ CE7900

■ CE8825

■ CE9139

■ CE994E

■ CEA262

■ CEEA77

■ CEB38C

■ CEBBA0

■ CEC4B5

■ CECCC9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F16647



CE8010



9B9500

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CE8010



00ADA5



AE78EE

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



CE8010



105ECE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



1A92FF



CE8010



00ABDE

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CE8010



00AB67



00A3FF



E85DBC

Rectangle

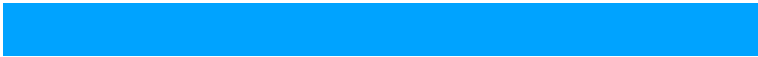
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



CE8010



729F17



00A3FF



8F81FA

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



CE8010



FFE2B8



CE105F



806E54



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



CE8010



FF9600



BECE10



66625C



A66200



261700

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



105ECE



0069FF



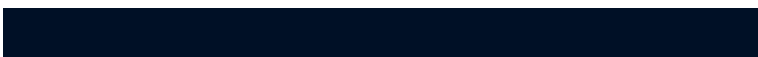
2010CE



5C6066



0044A6



001026

Previews

White Background



This preview shows how the Hex color CE8010 looks on a white background.

Color Contrast Check

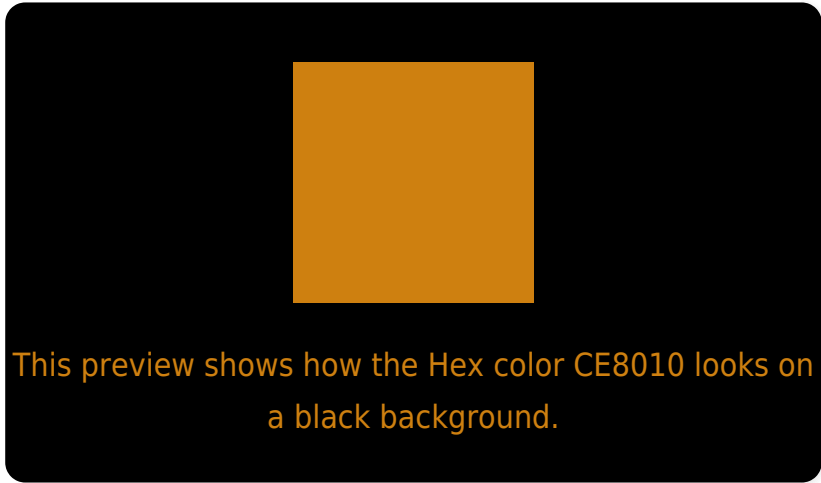
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CE8010 Background



This preview shows how black text looks on a background with the Hex color CE8010.



This preview shows how white text looks on a background with the Hex color CE8010.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

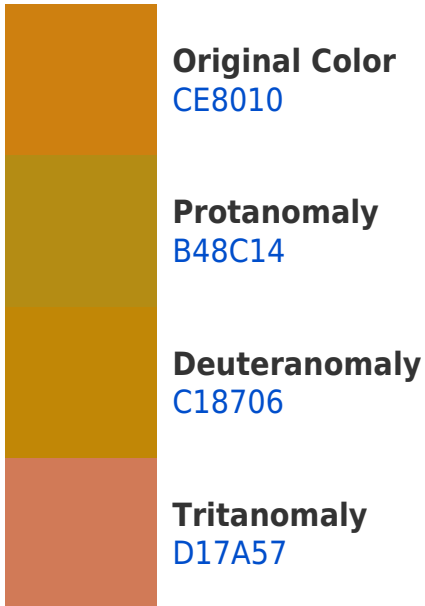
Dichromacy





Tritanopia
D37780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CE8010 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #CE8010 looks like.

```
.text, #text, p{  
    color:#CE8010  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #CE8010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE8010
}
```

Border

The CSS property to change the border of an element to Hex CE8010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CE8010 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#CE8010 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #CE8010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE8010; -webkit-box-shadow:4px 4px  
4px 4px #CE8010; box-shadow:4px 4px 4px  
4px #CE8010 }
```

Background

The CSS property to change the background color of an element to Hex CE8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE8010 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#CE8010 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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